

16569 U.S. PTO  
012704

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No. 2258-021523
	First Inventor Jian Shen et al.
	Title "APPARATUS AND METHOD FOR SUPPRESSING ..."
	Express Mail Label No. EL 971287200 US

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>	<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages <input type="text"/> ] <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <input type="text"/> ] 5. Oath or Declaration [Total Pages <input type="text"/> ] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i> 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies
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22581 U.S. PTO  
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**ACCOMPANYING APPLICATION PARTS**

9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	
10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>	
11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>	
12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO/SB/08A <input type="checkbox"/> Copies of IDS Citations	
13. <input type="checkbox"/> Preliminary Amendment	
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	
15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	
16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
17. <input checked="" type="checkbox"/> Other: Checks for \$1,072.00 & \$40.00	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_/\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number: 28289 (Insert Customer No. or Attach bar code label here)	OR <input type="checkbox"/> Correspondence address below
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Name	Russell D. Orkin				
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Name (Print/Type)	Randall A. Notzen	Registration No. (Attorney/Agent)	36,882
Signature	<i>Randall A. Notzen</i>	Date	January 27, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**PATENT APPLICATION TRANSMITTAL LETTER**

Mail Stop Patent Application  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Transmitted herewith for filing is the patent application of: Jian Shen, Fred S. Marton, Linda F. Clawson and Kenneth A. Karg

Entitled: **"APPARATUS AND METHOD FOR SUPPRESSING MECHANICAL RESONANCE IN A MASS TRANSIT VEHICLE"**

**Small Entity Status:**

☐ Small Entity Statement under 37 CFR 1.27 is enclosed  
☐ Small Entity Status is asserted for this application under 37 CFR 1.27

Enclosed are: ☒ 17 pages of Specification (comprising 7 pages of Claims and a 1 page Abstract) and 2 pages of drawings  
☒ An Assignment of the invention to: Bombardier Transportation GmbH  
☒ Declaration  
☐ Non-Publication Request Under 35 U.S.C. §122(b)(2)(B)(i)

**CLAIMS AS FILED**

	<u>No. Filed</u>	<u>No. Extra</u>	<u>Small Entity Rate</u>	<u>Non-Small Entity Rate</u>	<u>Charge</u>
Total Claims	<u>32</u>	<u>-20 = 12</u>	x \$ 9.00	x \$ 18.00	<u>\$216.00</u>
Indep. Claims	<u>4</u>	<u>-3 = 1</u>	x \$ 43.00	x \$ 86.00	<u>\$86.00</u>
Multiple Dependent Claim/s			+ \$145.00	+ \$290.00	<u>\$ 0</u>
Basic Fee			+ \$385.00	+ \$770.00	<u>\$770.00</u>
			Total of above Charges		<u>\$1,072.00</u>
			Total Fee		<u>\$1,072.00</u>

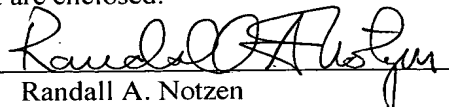
Checks in the amounts of \$1,072.00 and \$40.00 are enclosed to cover the filing fee and the Assignment recordal fee.

The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR 1.16 or patent application processing fees under 37 CFR 1.17 associated with this communication to Deposit Account No. 23-0650. Please refund any overpayment to Deposit Account No. 23-0650.

An original and two copies of this sheet are enclosed.

January 27, 2004  
 Date

By



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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

**Jian Shen, Fred S. Marton, Linda F. Clawson and  
Kenneth A. Karg**

**2258-021523**

ENTITLED

**"APPARATUS AND METHOD FOR SUPPRESSING MECHANICAL RESONANCE IN A  
MASS TRANSIT VEHICLE"**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**EXPRESS MAIL CERTIFICATE**

"Express Mail" Label Number EL 971287200 US

Date of Deposit January 27, 2004

I hereby certify that the following attached paper(s) and/or fee(s):

**PATENT APPLICATION TRANSMITTAL LETTER (1 p., original and two (2) copies);  
UTILITY PATENT APPLICATION TRANSMITTAL (1 p.);  
SPECIFICATION (17 pp.) (comprising CLAIMS (7 pp.) and ABSTRACT (1 p.));  
DRAWINGS (2 sheets);  
DECLARATION AND POWER OF ATTORNEY (5 pp.);  
RECORDATION FORM COVER SHEET (1 p.);  
ASSIGNMENT (5 pp.);  
INFORMATION DISCLOSURE STATEMENT (4 pp., in-trip.) (comprising FORM(S) PTO/SB/08A  
(2 pp.) and a copy of each non-U.S. patent reference cited in the Form(s) PTO/SB/08A); and  
checks in the amounts of \$1,072.00 and \$40.00.**

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Deborah L. Medves

(Typed name of person mailing paper or fee)

Deborah L. Medves

(Signature of person mailing paper or fee)